

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Richard K. Williams and Wayne Grabowski  
Assignee: Advanced Analogic Technologies, Inc.  
Title: Trench Transistor With Chained Implanted Body  
Serial No.: Not assigned yet      Filing Date: January 28, 2004  
Examiner: Not assigned yet      Group Art Unit: Not assigned yet  
Docket No.: M7207US4D

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San Jose, California  
January 28, 2004

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313

**INFORMATION DISCLOSURE STATEMENT UNDER CFR § 1.97(b)**

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, Applicants call to the attention of the Examiner the documents listed on the attached substitute PTO Form-1449A.

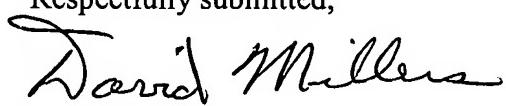
Copies of the listed documents are not being submitted because all of the documents were cited or submitted in U.S. Patent Application No. 10/146,668, filed on May 14, 2002, which is a divisional of U.S. Patent Application No. 09/296,959, filed on April 22, 1999, now U.S. Patent No. 6,413,822, which the present application relies on for an earlier effective filing date under 35 U.S.C. 120.

Citation of the above documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

No fee is believed required for submission of this information disclosure statement. However, the Commissioner is hereby authorized to charge any fees that may be required for consideration of this information disclosure statement to Deposit Account No. 50-1767.

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Respectfully submitted,  
  
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PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

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Substitute for form 1449A/PTO		<b>C mplete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	
		Filing Date	January 28, 2004
		First Named Inventor	Richard K. Williams
		Group Art Unit	
		Examiner Name	
Sheet	1	of	1
		Attorney Docket Number	M7207US4D
(use as many sheets as necessary)			

## **U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	1	4,238,278	B1	Antipov	12-09-1980	ALL
	2	4,509,249	B1	Goto et al.	04-09-1985	ALL
	3	4,767,722	B1	Blanchard	08-30-1988	ALL
	4	4,876,214	B1	Yamaguchi et al.	10-24-1989	ALL
	5	4,967,245	B1	Cogan et al.	10-30-1990	ALL
	6	5,298,780	B1	Harada	03-29-1994	ALL
	7	5,430,315	B1	Rumennik	07-04-1995	ALL
	8	5,514,604	B1	Brown	05-07-1996	ALL
	9	5,527,561	B1	Dobson	06-18-1996	ALL
	10	5,567,634	B1	Hebert et al.	10-22-1996	ALL
	11	5,569,949	B1	Malhi	10-29-1996	ALL
	12	5,672,889	B1	Brown	09-30-1997	ALL
	13	5,770,878	B1	Beasom	06-23-1998	ALL
	14	5,801,408	B1	Takahashi	09-01-1998	ALL
	15	5,801,417	B1	Tsang et al.	09-01-1998	ALL
	16	5,918,114	B1	Choi et al.	06-29-1999	ALL
	17	6,054,365	B1	Lizotte	04-25-2000	ALL

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature		Date Considered	
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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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